|                            | FORM PTO-1390 U.S. DEPARTMENT OF COM<br>(REV. 9-2001)   | IMERCE PATENT AND TRADEMARK OFFICE   | ATTORNEY 'S DOCKET NUMBER           |  |  |  |  |  |  |  |
|----------------------------|---|--|-------------------------------------|--|--|--|--|--|--|--|
|                            |   | TO THE UNITED STATES   | PHDE020167US                        |  |  |  |  |  |  |  |
|                            | DESIGNATED/ELECT  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5   |                                     |  |  |  |  |  |  |  |
|                            |   | NG UNDER 35 U.S.C. 371   | 10/520999                           |  |  |  |  |  |  |  |
|                            | INTERNATIONAL APPLICATION NO.   |  | DECONO.                             |  |  |  |  |  |  |  |
|                            | PCT/IB2003/003011   | INTERNATIONAL FILING DATE July 8, 2003   | PRIORITY DATE CLAIMED July 10, 2002 |  |  |  |  |  |  |  |
|                            | TITLE OF BUILDING   |  |                                     |  |  |  |  |  |  |  |
| :                          | METHOD AND STSTEM FOR ENHANCING THE INFORMATION CONTENTS OF AN IMAGE  |  |                                     |  |  |  |  |  |  |  |
|                            | APPLICANT(S) FOR DO/EO/US Koninklijke Philips Electronics N.V.  |  |                                     |  |  |  |  |  |  |  |
|                            | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |                                     |  |  |  |  |  |  |  |
|                            | 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.   |  |                                     |  |  |  |  |  |  |  |
|                            | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |                                     |  |  |  |  |  |  |  |
| :                          | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |  |                                     |  |  |  |  |  |  |  |
|                            | 4. The US has been elected by the expiration of 19 months from the priority date (Article 31).  5. 🖟 A copy of the International Application as filed (35 U.S.C. 371(c)(2))                                     |  |                                     |  |  |  |  |  |  |  |
|                            | a.  is attached hereto (required only if not communicated by the International Bureau).   |  |                                     |  |  |  |  |  |  |  |
|                            | b.  kas been communicated by the International Bureau.  |  |                                     |  |  |  |  |  |  |  |
|                            | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |                                     |  |  |  |  |  |  |  |
|                            | 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).   |  |                                     |  |  |  |  |  |  |  |
|                            | a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4).  |  |                                     |  |  |  |  |  |  |  |
|                            | 7. X Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |                                     |  |  |  |  |  |  |  |
|                            | a. are attached hereto (required only if not communicated by the International Bureau).   |  |                                     |  |  |  |  |  |  |  |
|                            | b. have been communicated by the International Bureau.  |  |                                     |  |  |  |  |  |  |  |
|                            | have not been made; however, the time limit for making such amendments has NOT expired.   |  |                                     |  |  |  |  |  |  |  |
|                            | d. kave not been made and will not be made.   |  |                                     |  |  |  |  |  |  |  |
|                            | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).  |  |                                     |  |  |  |  |  |  |  |
|                            | An oath or declaration of the inventor  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |                                     |  |  |  |  |  |  |  |
|                            | 10. An English lanugage translation of the Article 36 (35 U.S.C. 371(c)(5)).  | An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |                                     |  |  |  |  |  |  |  |
|                            | Items 11 to 20 below concern documen  | t(s) or information included:  |                                     |  |  |  |  |  |  |  |
|                            | An Information Disclosure Statem  | ent under 37 CFR 1.97 and 1.98.  |                                     |  |  |  |  |  |  |  |
|                            | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |                                     |  |  |  |  |  |  |  |
|                            | 1 A FIRST preliminary amendment.  |  |                                     |  |  |  |  |  |  |  |
|                            | 14. A SECOND or SUBSEQUENT preliminary amendment.   |  |                                     |  |  |  |  |  |  |  |
|                            | 15. A substitute specification.   |  |                                     |  |  |  |  |  |  |  |
|                            | 16. A change of power of attorney and/or address letter.  ate: 06/24/2005 UWALKER  ate: 06/24/2005 UWALKER  17/5-5-4 ANAMARIA 141270 doi:10520988   |  |                                     |  |  |  |  |  |  |  |
| Adjustment I<br>01/18/2005 | ate: 06/24/2005 UNLCC 10520988<br>LANDERS 000000 10 10 10 10 10 10 10 10 10 10 10   |  |                                     |  |  |  |  |  |  |  |
| 02 FC:1632                 | 18. A second copy of the published in   | ternational application under 35 U.S.C. 154(   | d)(4).                              |  |  |  |  |  |  |  |
|                            | 19. A second copy of the English lang   | uage translation of the international applicati  | ion under 35 U.S.C. 154(d)(4).      |  |  |  |  |  |  |  |
|                            | 20. X Other items or information: Express Mail Label No. ED 337085872 US  |  |                                     |  |  |  |  |  |  |  |
|                            | Date Mailed January 10, 2005 I hereby certify that this paper and fee is being deposited with the United  |  |                                     |  |  |  |  |  |  |  |
|                            | States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |  |                                     |  |  |  |  |  |  |  |
|                            | Patricia A. Heim Patricia at  | elin   | •                                   |  |  |  |  |  |  |  |
|                            |   |  |                                     |  |  |  |  |  |  |  |

| u.s. application no. international application no. PCT/IB2003/003011   |  |           |                       |                         |    | ATTORNEY'S DOCKET NUMBER PHDE020167US |    |  |  |  |
|--|--|-----------|-----------------------|-------------------------|----|---------------------------------------|----|--|--|--|
| 21. The follow   | ing fees are submi   | CAI       | CULATIONS             | PTO USE ONLY            |    |                                       |    |  |  |  |
| BASIC NATIONAL   | -  |           |                       |                         |    |                                       |    |  |  |  |
| Neither internation nor international se and International S   | arch fee (37 CFR   |           |                       |                         |    |                                       |    |  |  |  |
| International prelim<br>USPTO but Interna  | ninary examination<br>ational Search Rep   |           |                       |                         |    |                                       |    |  |  |  |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO   |  |           |                       |                         |    |                                       |    |  |  |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00   |  |           |                       |                         |    |                                       |    |  |  |  |
| International prelim   | inary examination  |           |                       |                         |    |                                       |    |  |  |  |
| and all claims satisfied provisions of PCT Article 33(1)-(4)   |  |           |                       |                         |    | 1,000                                 |    |  |  |  |
|  |  |           |                       |                         | \$ |                                       |    |  |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than  20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |  |           |                       |                         |    | 0                                     |    |  |  |  |
| CLAIMS   | NUMBER FILE  |           | NUMBER EXTRA          | RATE                    | \$ |                                       |    |  |  |  |
| Total claims   | 18 - 20  |           | 0                     | x \$18.00               | \$ | 0                                     |    |  |  |  |
| Independent claims  MULTIPLE DEPEN   | 3 - 3  |           | 0                     | x \$84.00<br>+ \$280.00 | \$ | 0                                     |    |  |  |  |
| MOLTH LE DEI EN  |  |           | ABOVE CALCU           |                         | \$ | 1,000                                 |    |  |  |  |
| Applicant claim  |  |           | 37 CFR 1.27. The fees |                         | \$ | 1,000                                 |    |  |  |  |
| are reduced by   | 1/2.   |           |                       | +                       | 3  |                                       |    |  |  |  |
|  |  |           | SU                    | JBTOTAL =               | \$ | 1,000                                 |    |  |  |  |
|  | Processing fee of \$130.00 for furnishing the English translation later than a months from the earliest claimed priority date (37 CFR 1.492(f)). |           |                       |                         |    |                                       |    |  |  |  |
| TOTAL NATIONAL FEE =   |  |           |                       |                         |    | 1,000                                 |    |  |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +   |  |           |                       |                         |    | 40                                    |    |  |  |  |
| TOTAL FEES ENCLOSED =  |  |           |                       |                         |    | 1,040                                 |    |  |  |  |
|  |  |           |                       |                         |    | unt to be<br>refunded:                | \$ |  |  |  |
|  |  |           |                       |                         |    | charged:                              | \$ |  |  |  |
| a. A check in the amount of \$ to cover the above fees is enclosed.  |  |           |                       |                         |    |                                       |    |  |  |  |
| b. Please charge my Deposit Account No. 14-1270 in the amount of \$ 1,040.00 to cover the above fees.  A duplicate copy of this sheet is enclosed.   |  |           |                       |                         |    |                                       |    |  |  |  |
| _  |  |           |                       |                         |    |                                       |    |  |  |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1270. A duplicate copy of this sheet is enclosed.                          |  |           |                       |                         |    |                                       |    |  |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |  |           |                       |                         |    |                                       |    |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.                   |  |           |                       |                         |    |                                       |    |  |  |  |
| ., .,  | J  | i anicu l | о темоте те аррисано  | in to pending status    |    | 1 -                                   |    |  |  |  |
| SEND ALL CORRESPO  |  | Sus       | no                    |                         |    |                                       |    |  |  |  |
| Thomas M. Lundin SIGNATU   |  |           |                       |                         |    |                                       |    |  |  |  |
|  |  |           |                       |                         |    | nas M. Lund                           | in |  |  |  |
| 595 Miner Road NAME  |  |           |                       |                         |    |                                       |    |  |  |  |
| Cleveland, OH  | 44143  |           | 48,979                |                         |    |                                       |    |  |  |  |
| US   | US REGISTRATION NUMBER   |           |                       |                         |    |                                       |    |  |  |  |